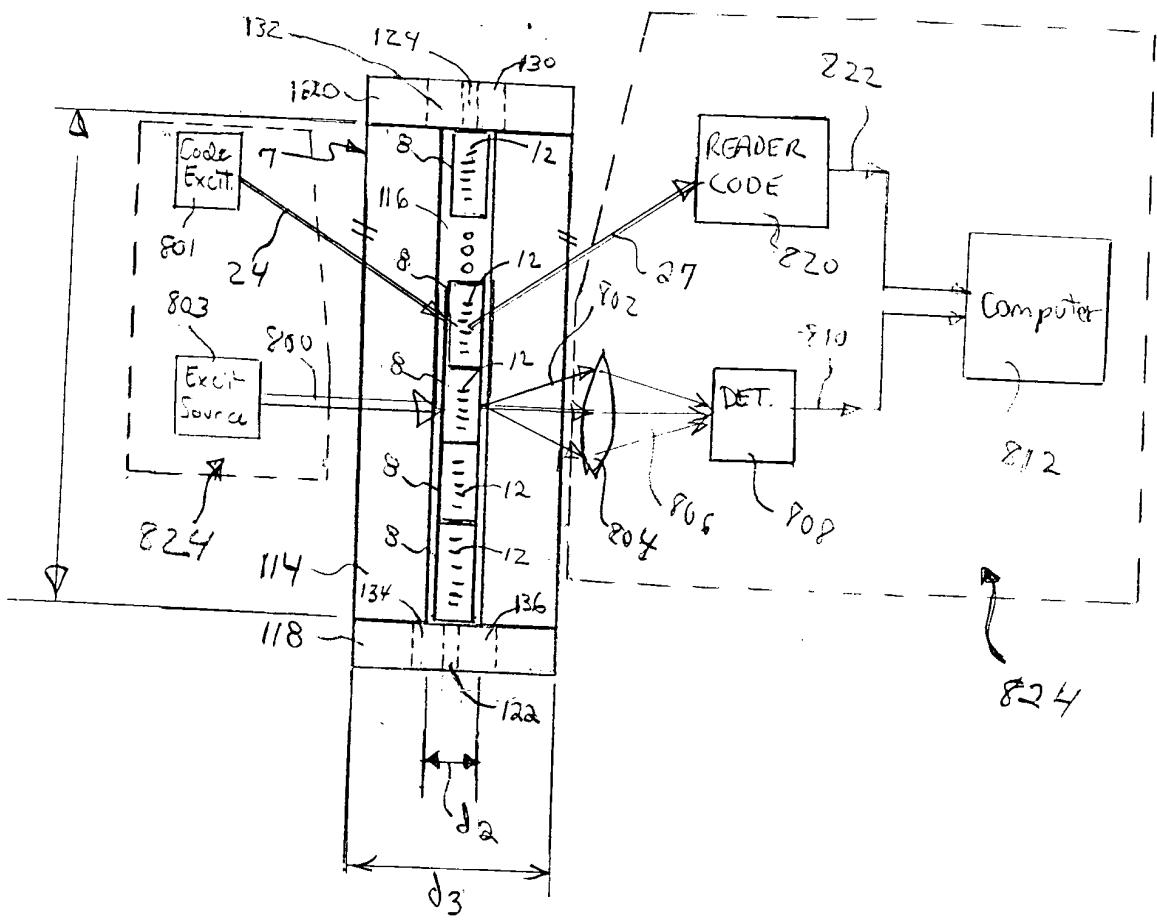


CC-0651

Fig. 1



CC-0651

Fig. 3

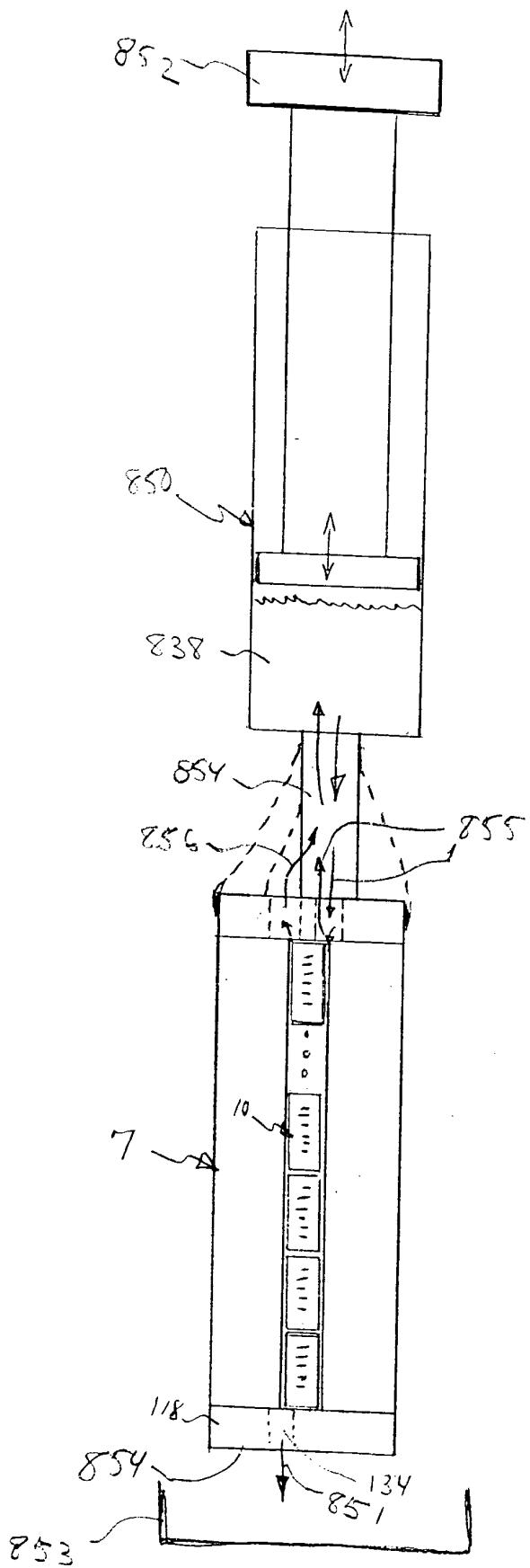
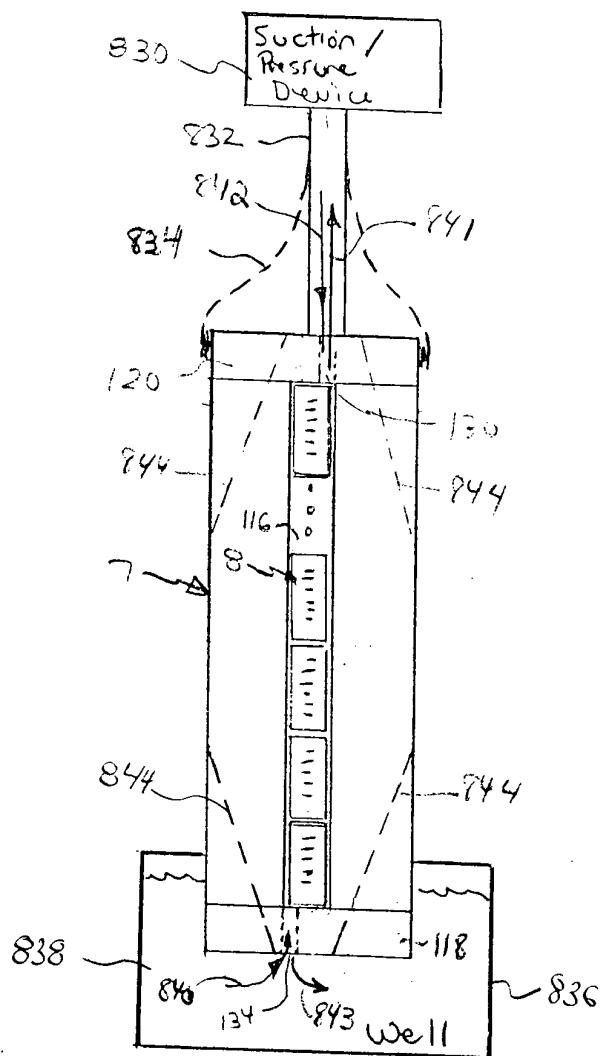
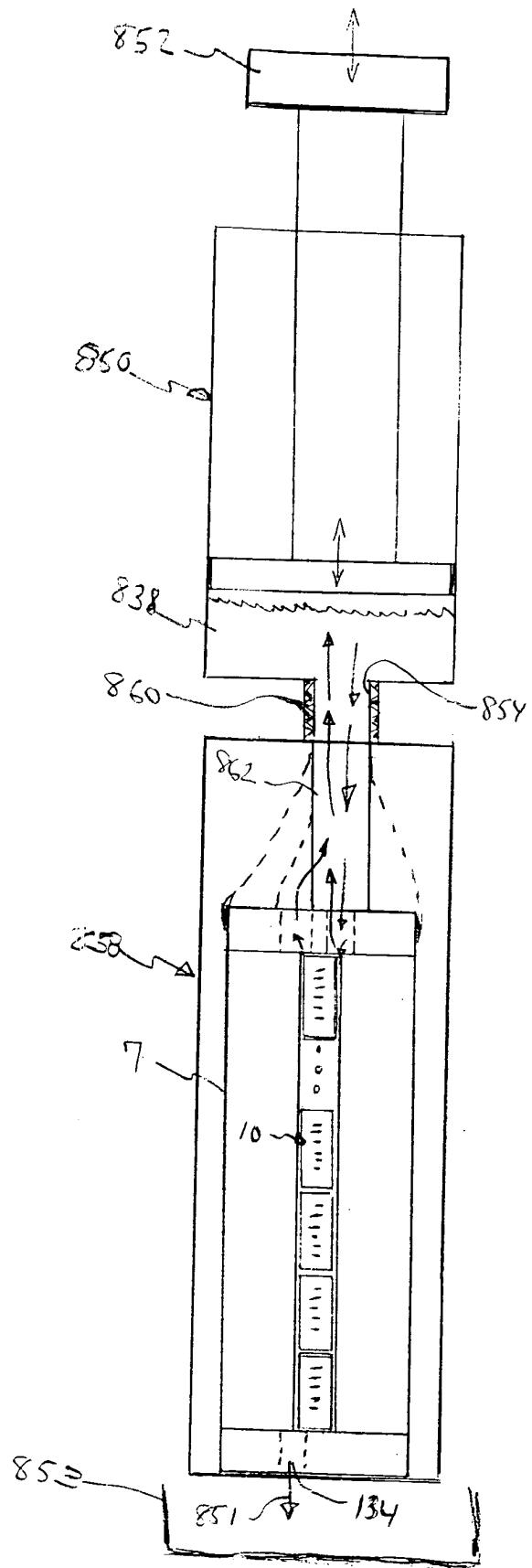


Fig. 2



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Fig. 4



CC-0651

Fig. 5

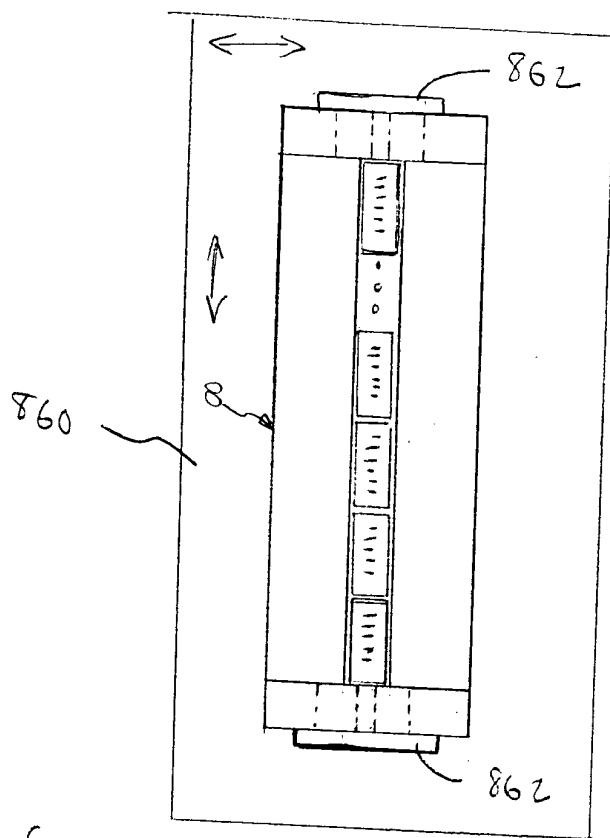


Fig. 6

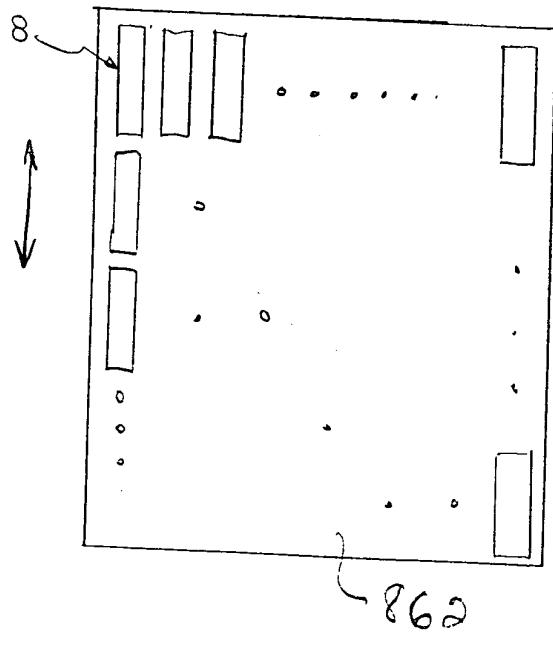
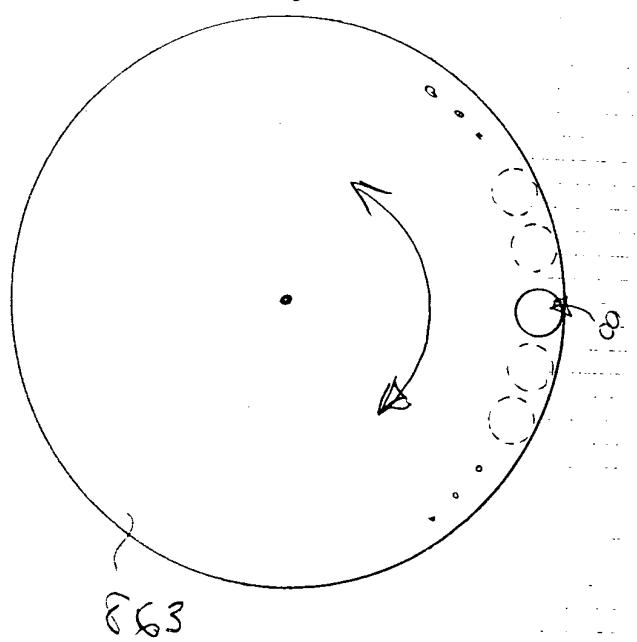


Fig. 7



CC-0651

Fig. 8

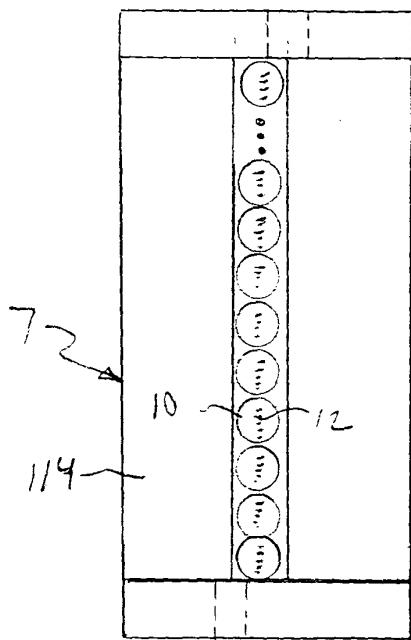


Fig. 9

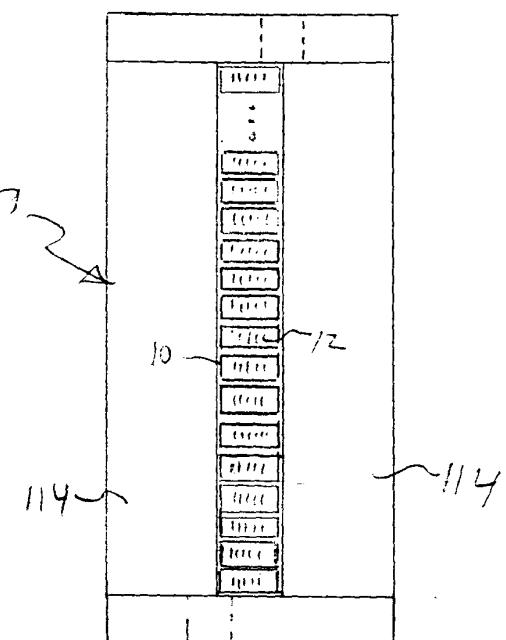


Fig. 10

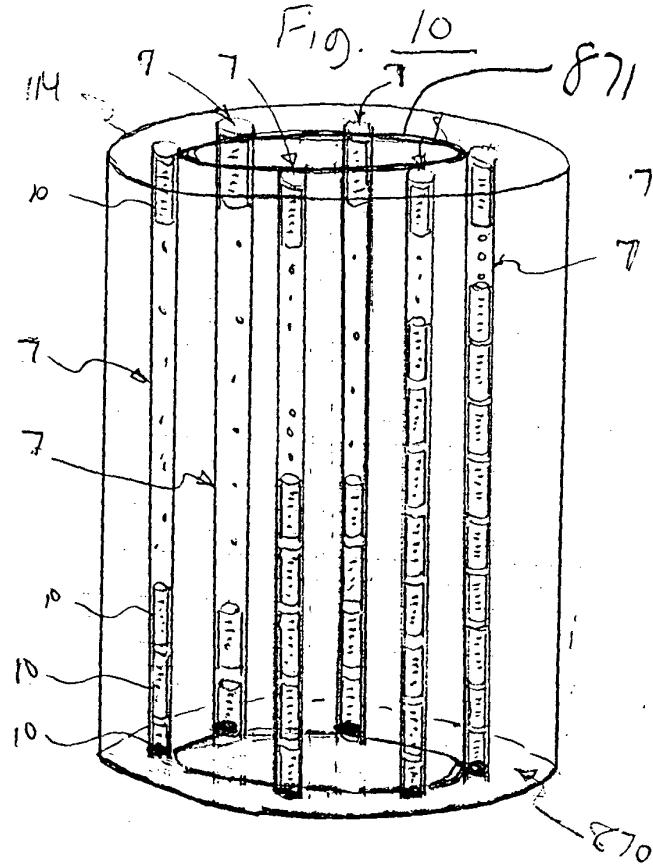
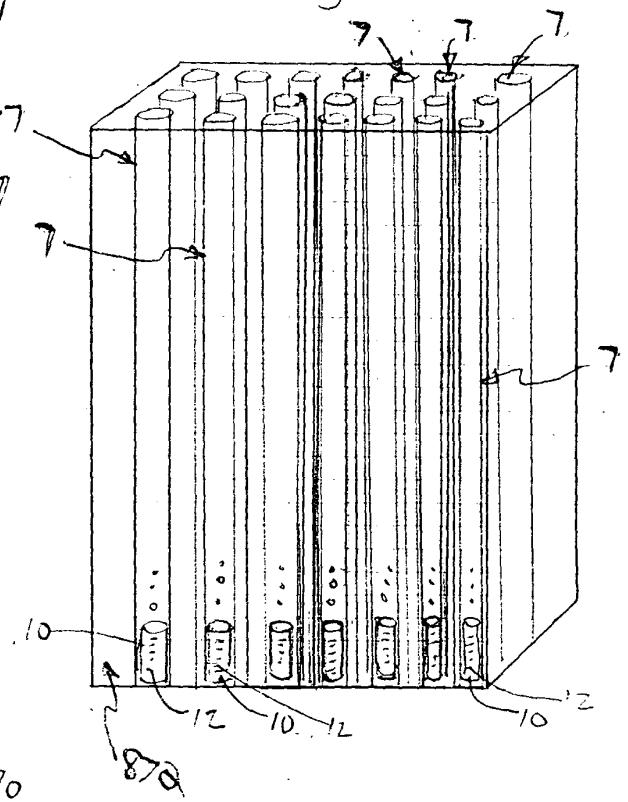
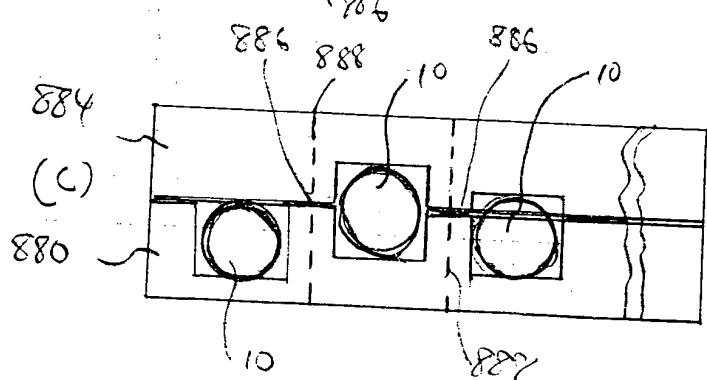
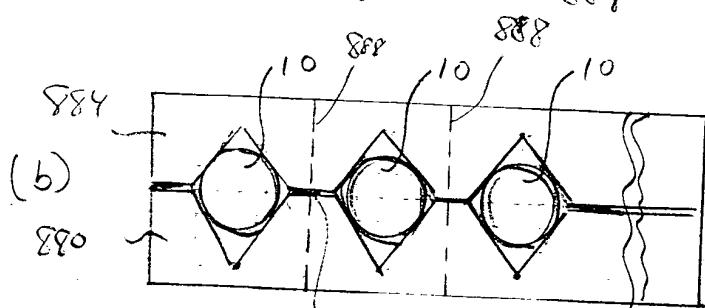
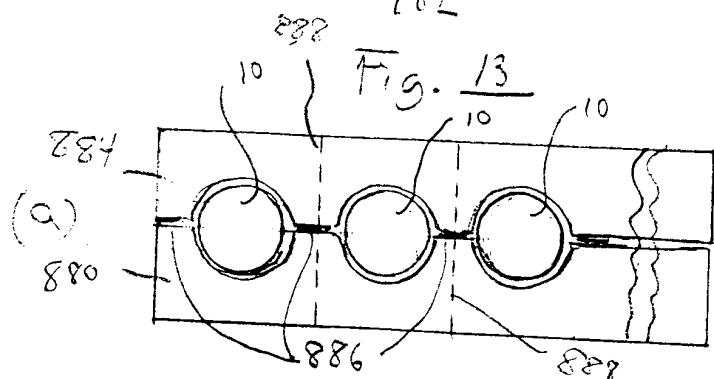
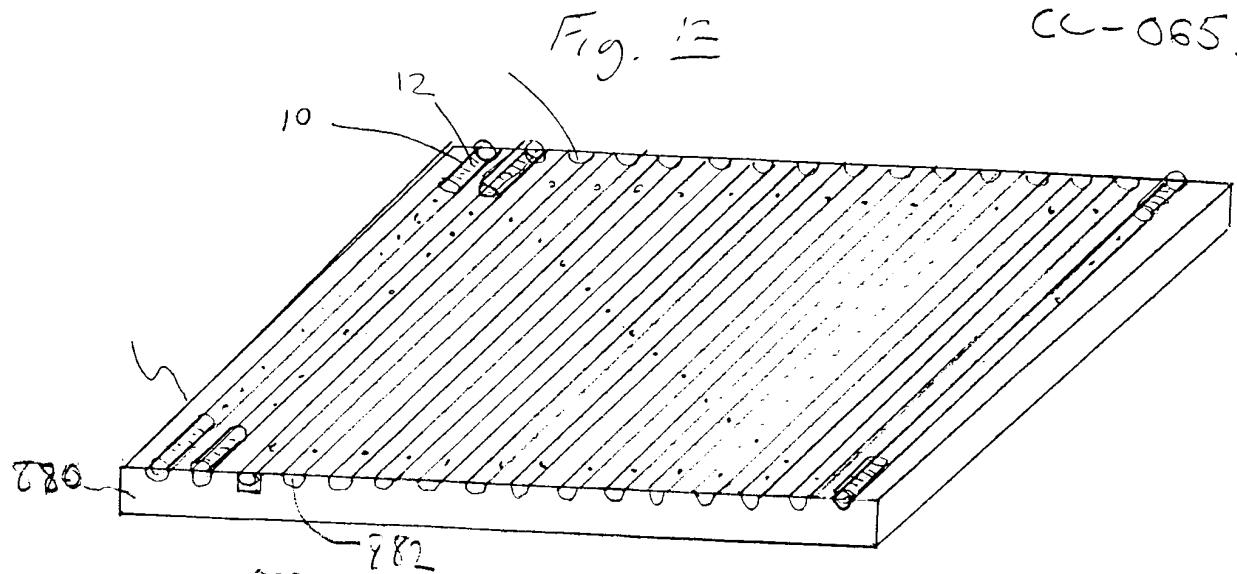


Fig. 11



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-CC-068 1

Fig. 14

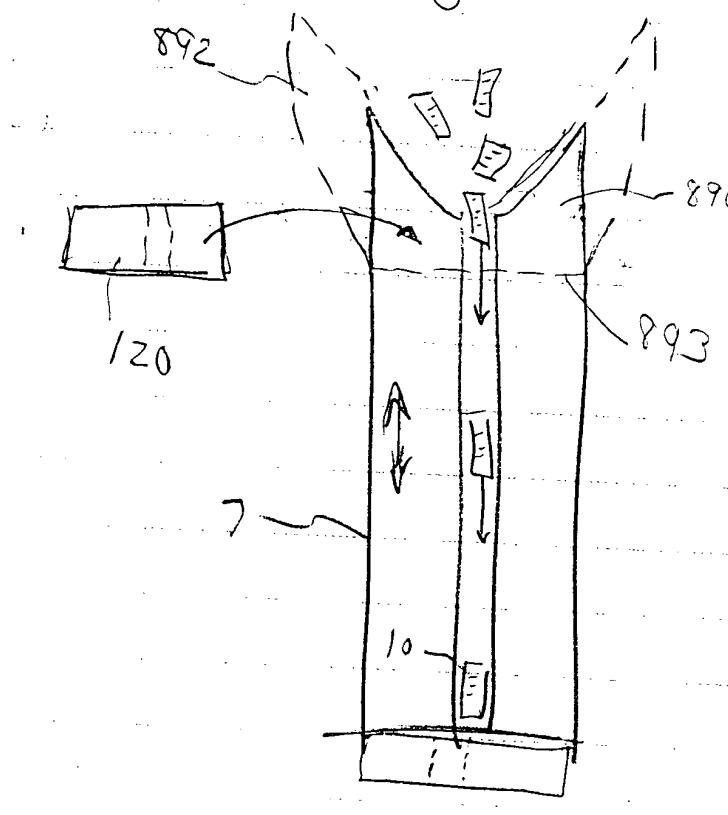


Fig. 15

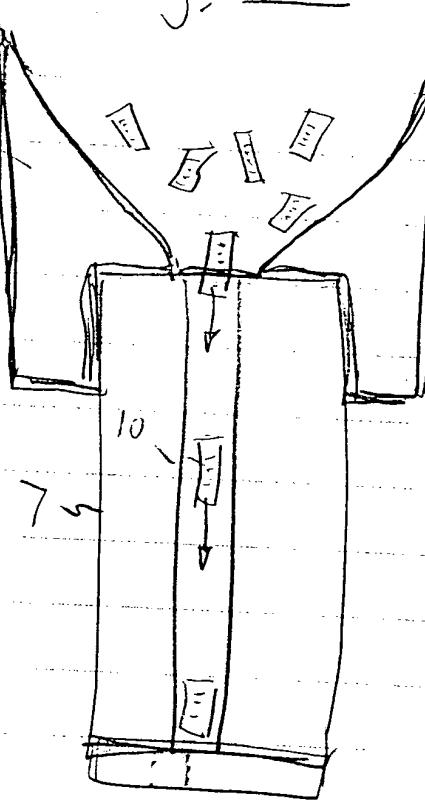


Fig. 16

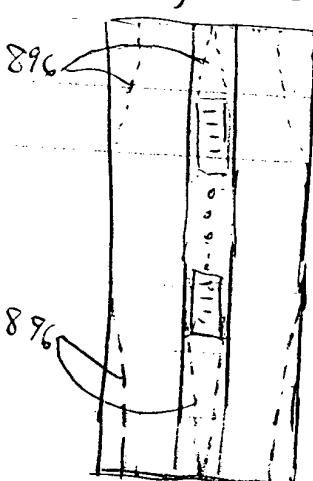


Fig. 17

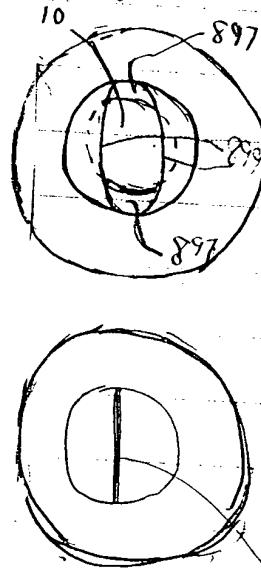


Fig. 19

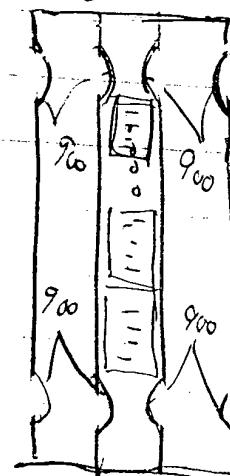


Fig. 20

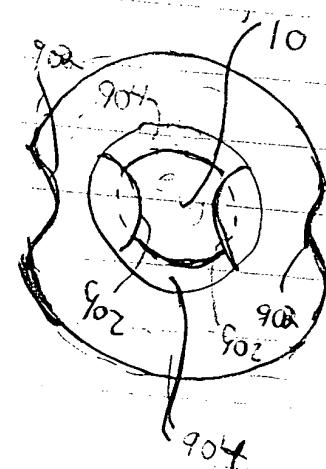
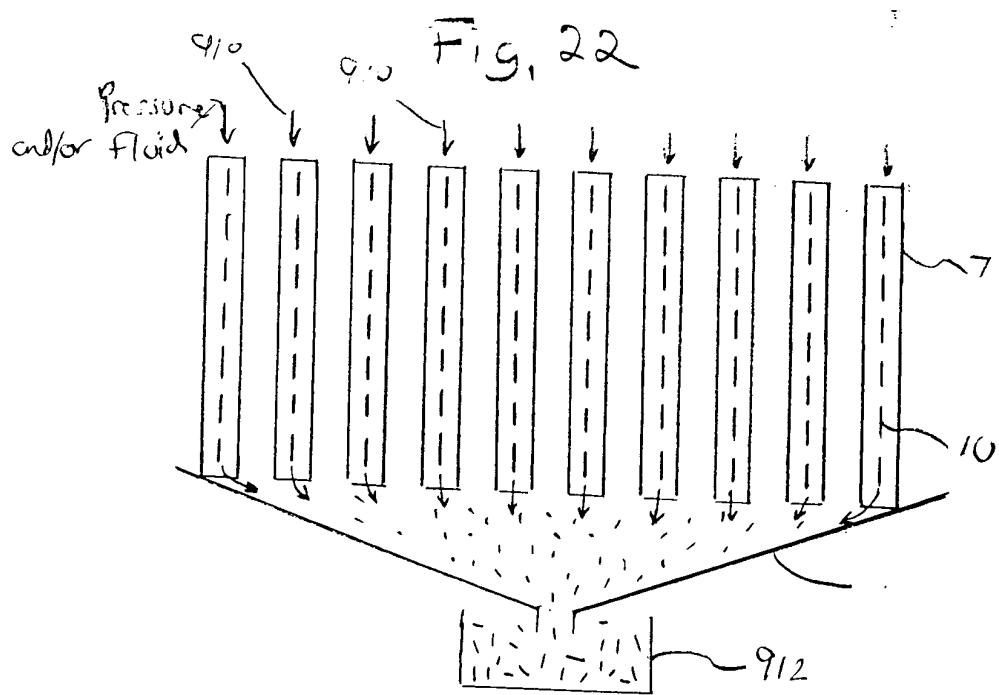
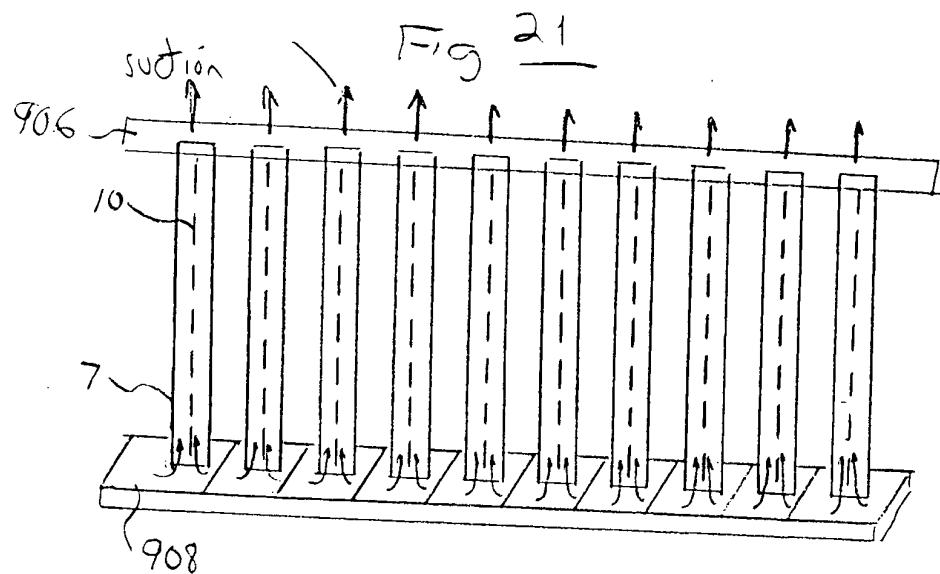


Fig. 18 · 898



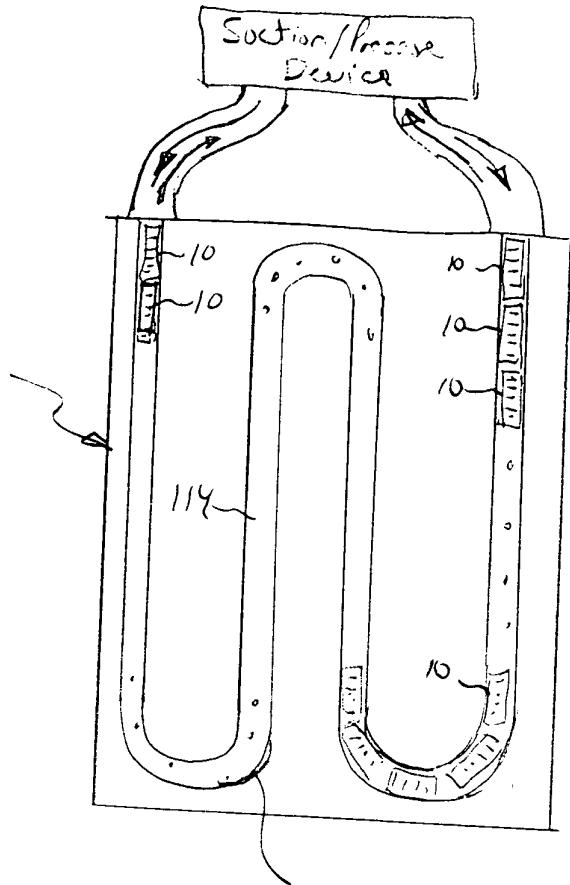


Fig 23

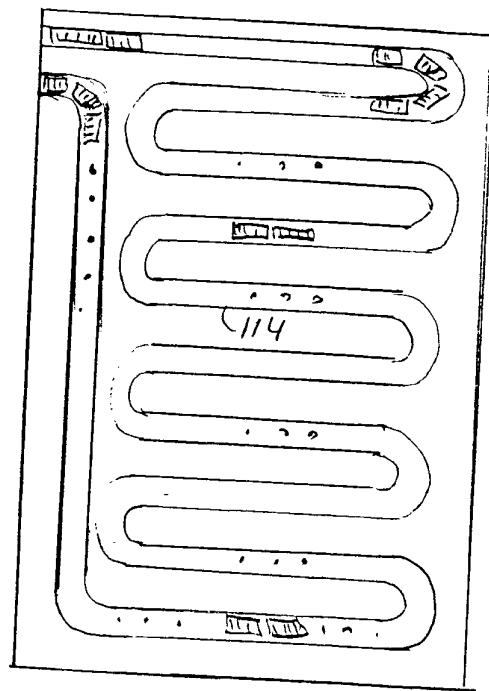


Fig. 24

CC-0651

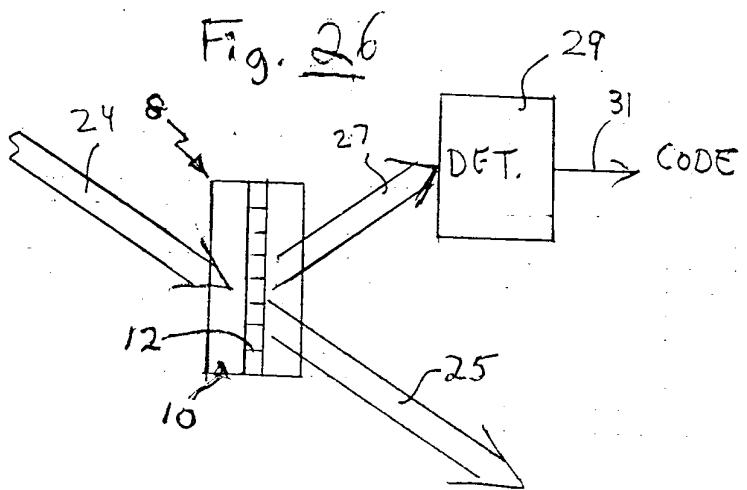
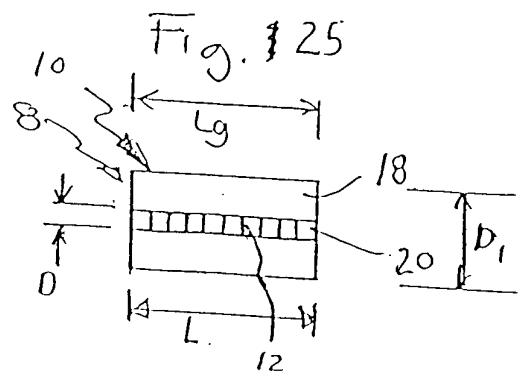
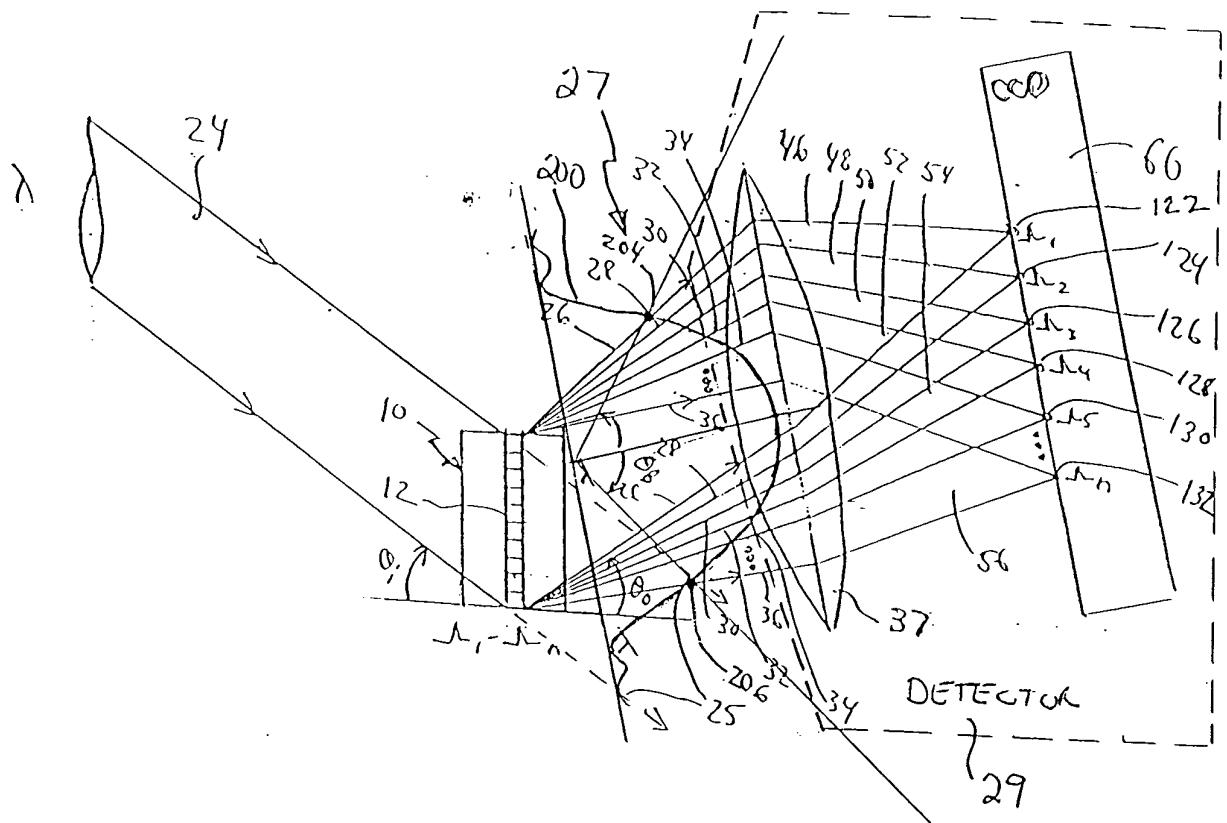


Fig. 27

CC-0651



120

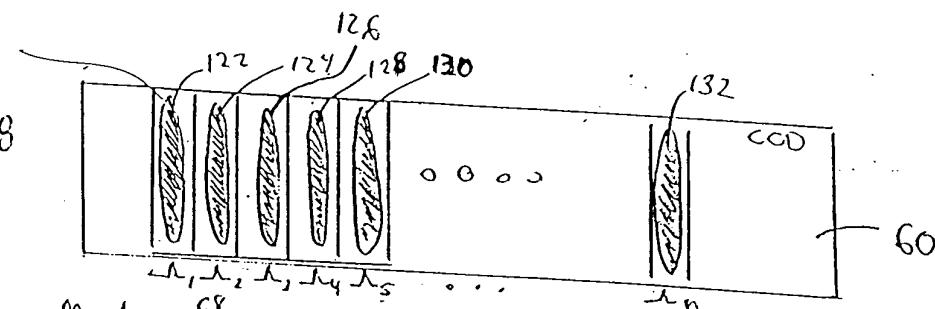


Fig. 29

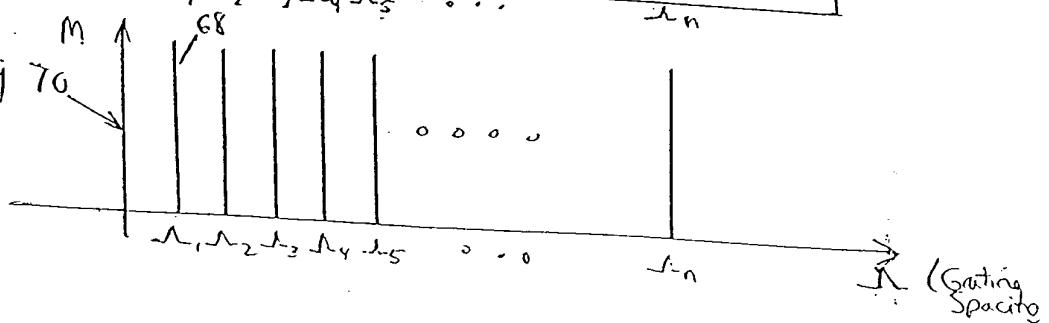
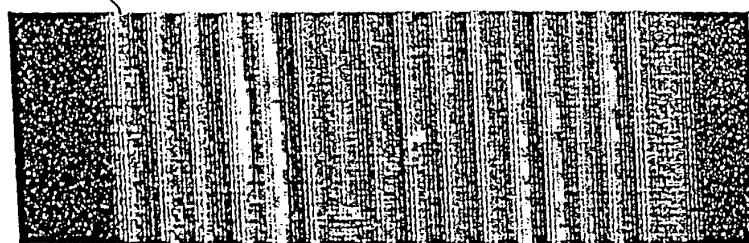


Fig. 30

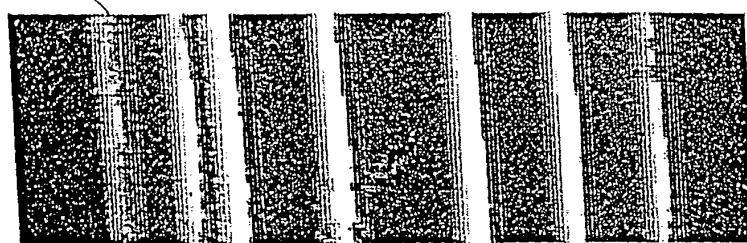
CC-0651

89 17 bits turned on



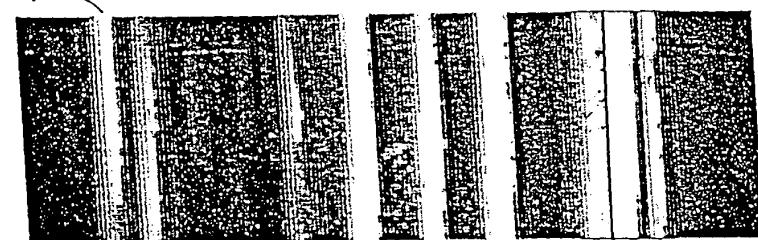
Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(a)

89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1
(b)

89 9 bits turned on



Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1

(c)

Fig. 31

CC-0651

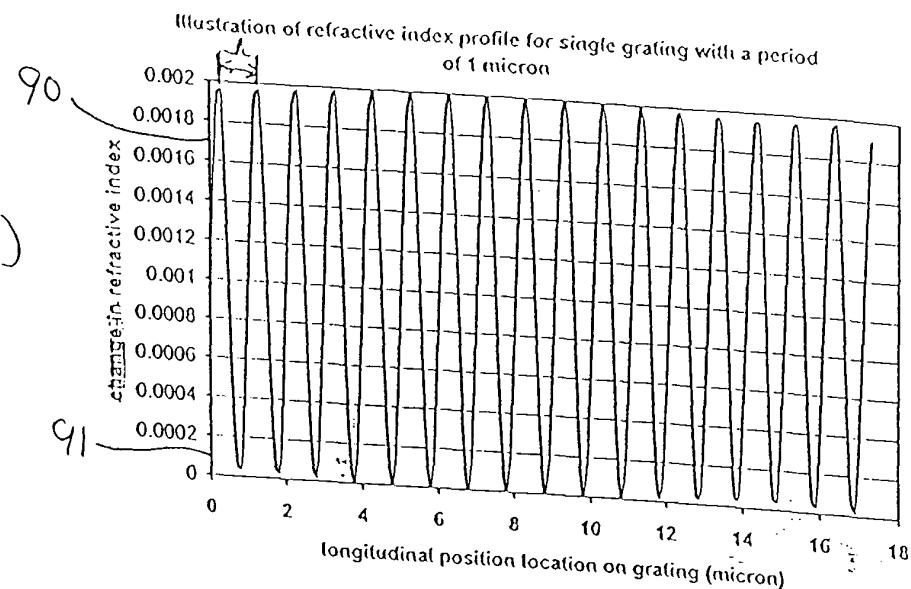


Illustration of refractive index profile for 3 colocated gratings whose period vary by 3%

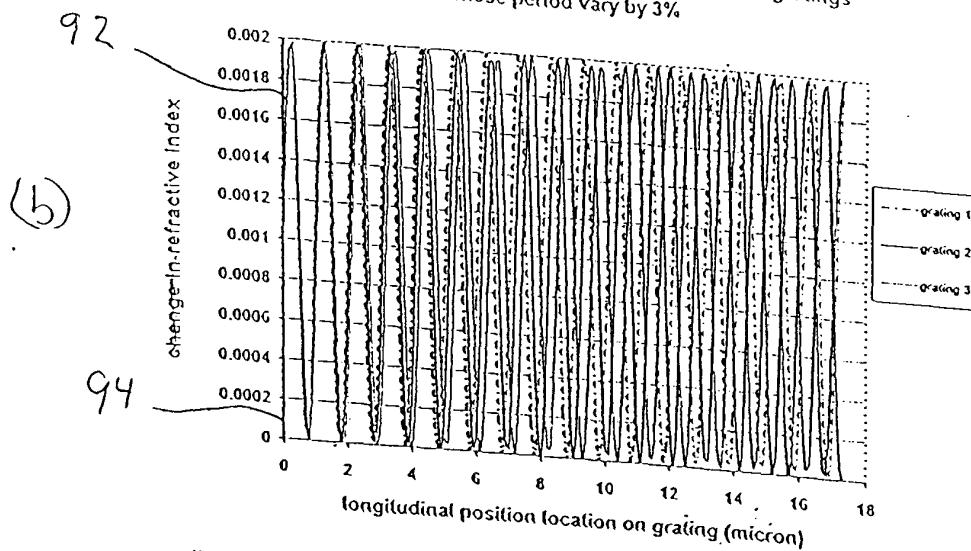


Illustration of refractive index profile for 3 colocated gratings whose period vary by 0.3%

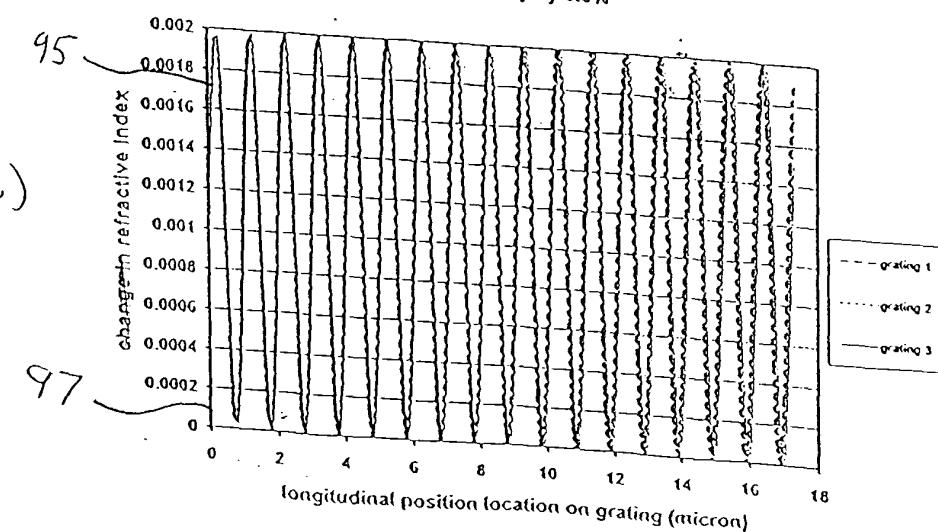


Fig. 31

CC-0651

(d)

Index modulation caused by superposition of 3 gratings where the pitch
between each grating varies by 3%.

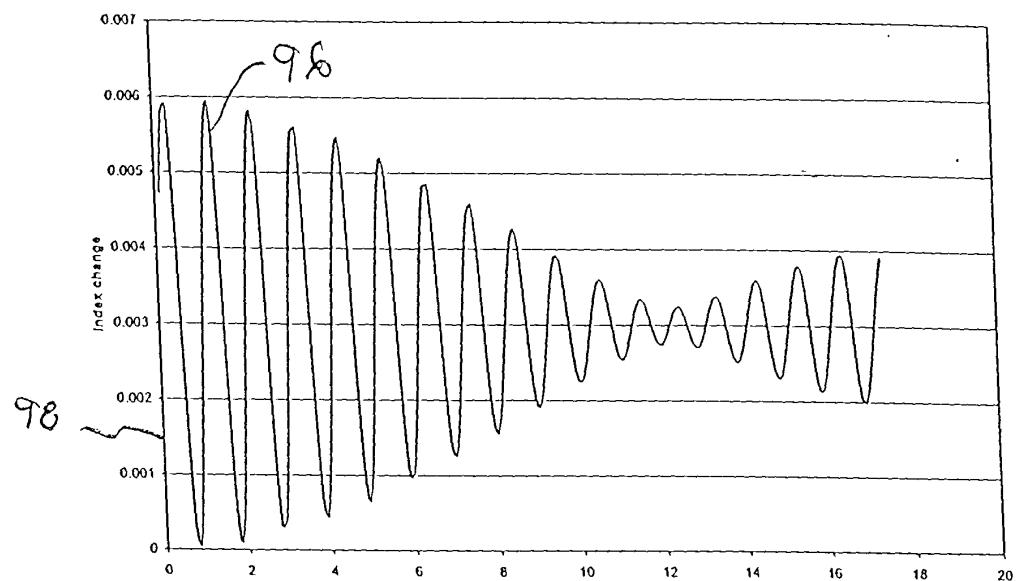


Fig. 32

CC-0651

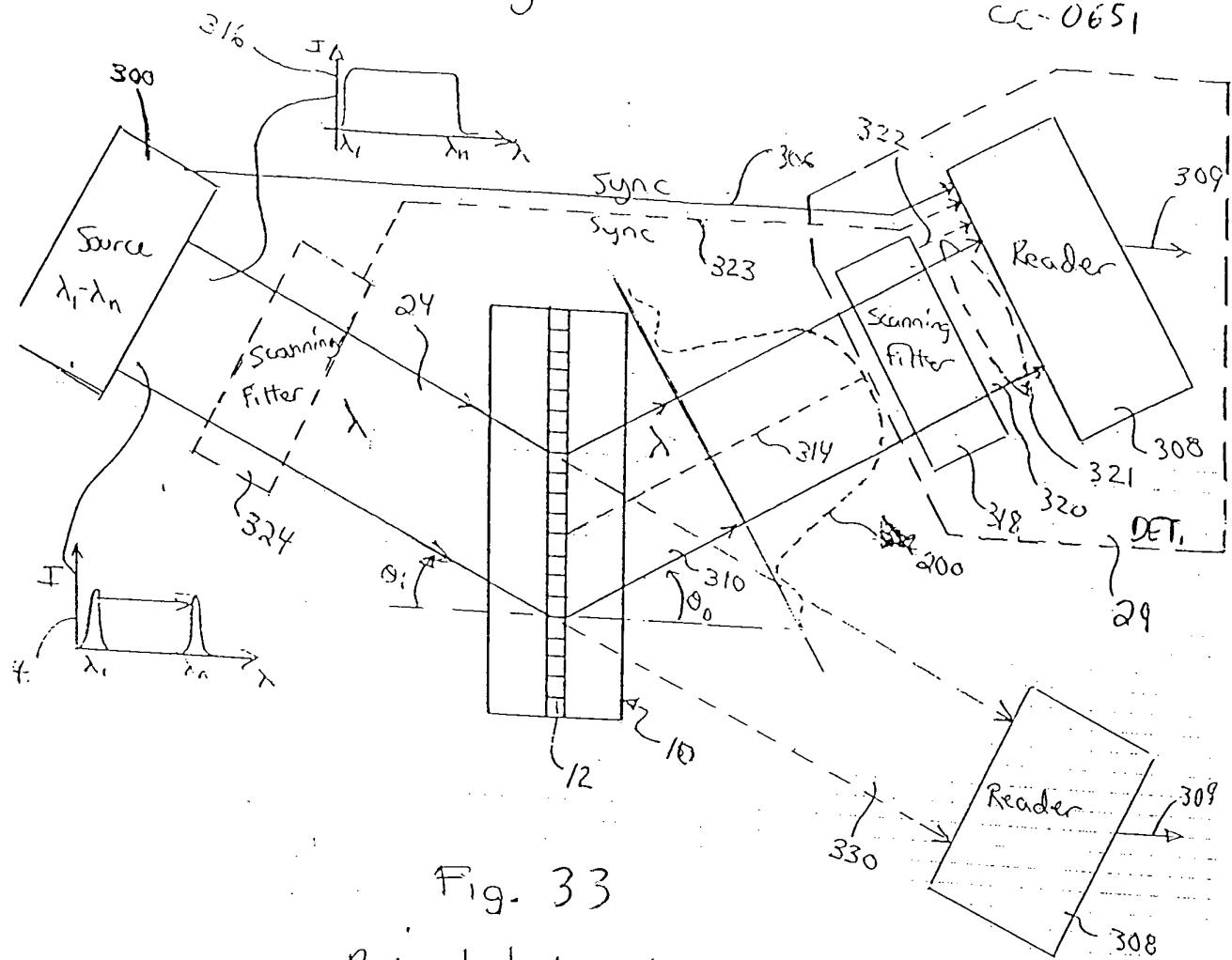


Fig. 33

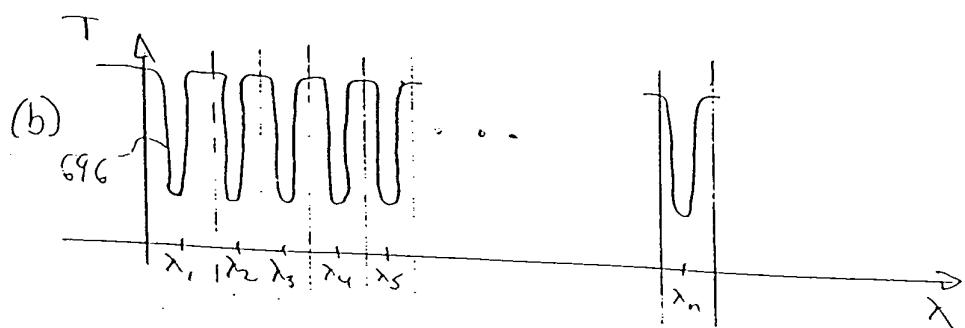
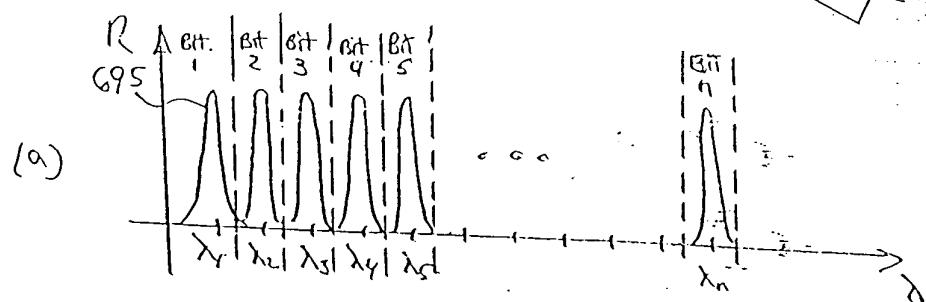
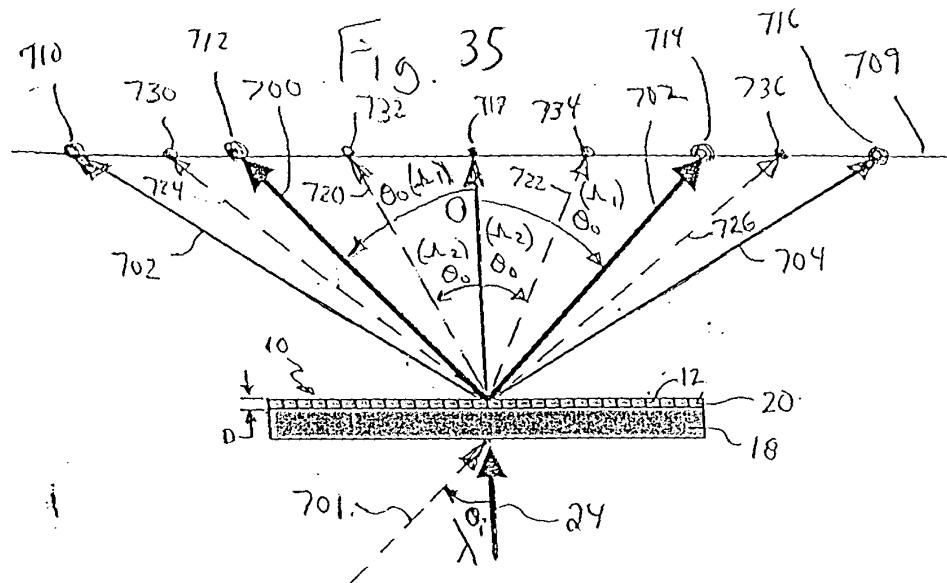
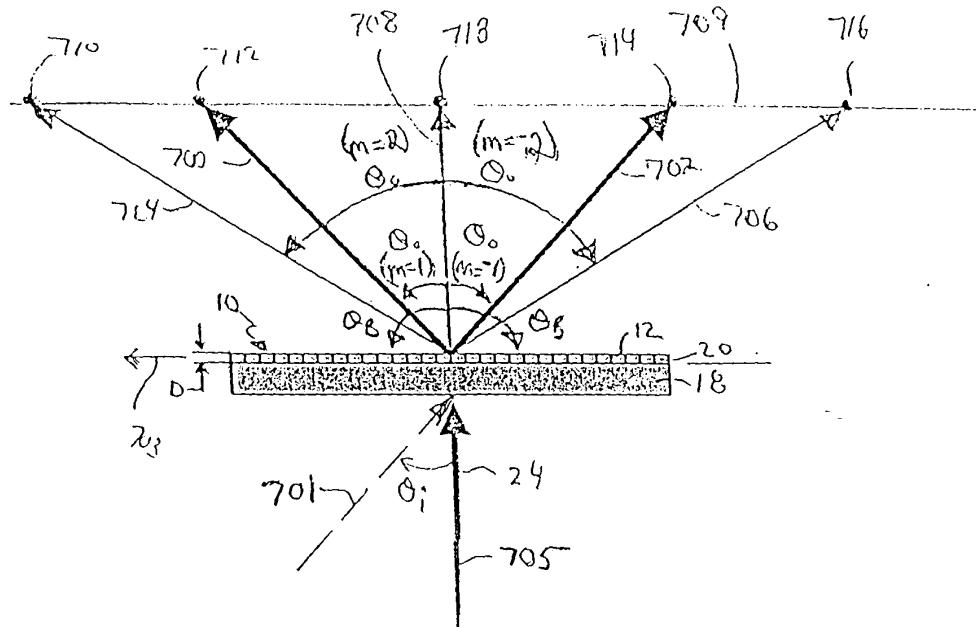


Fig. 34

CC-0651



CC-0651

Fig. 36

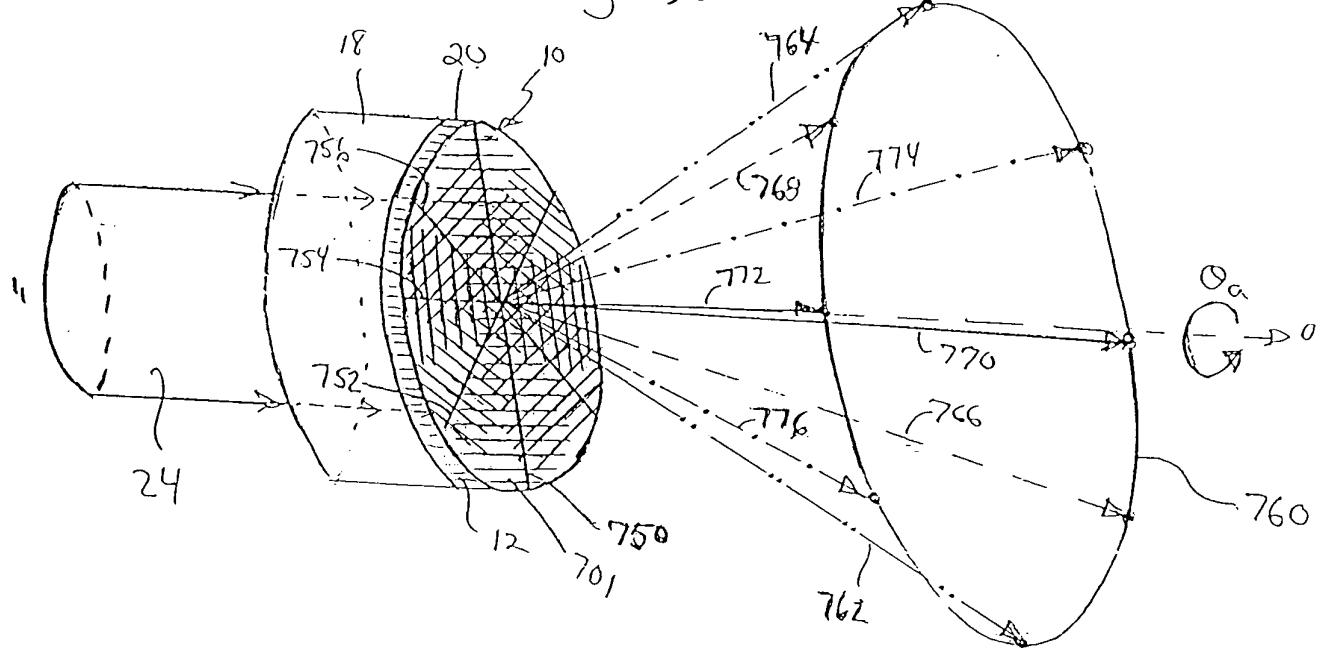
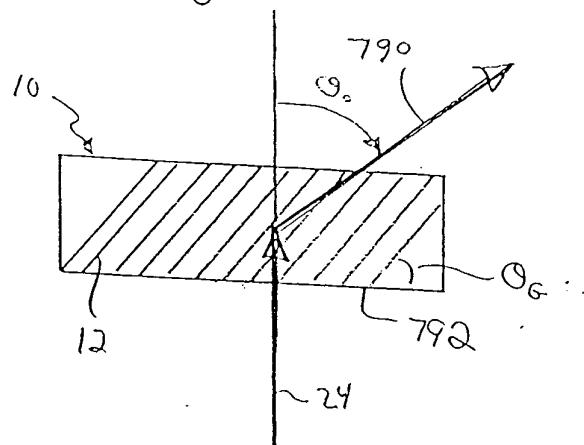


Fig. 37



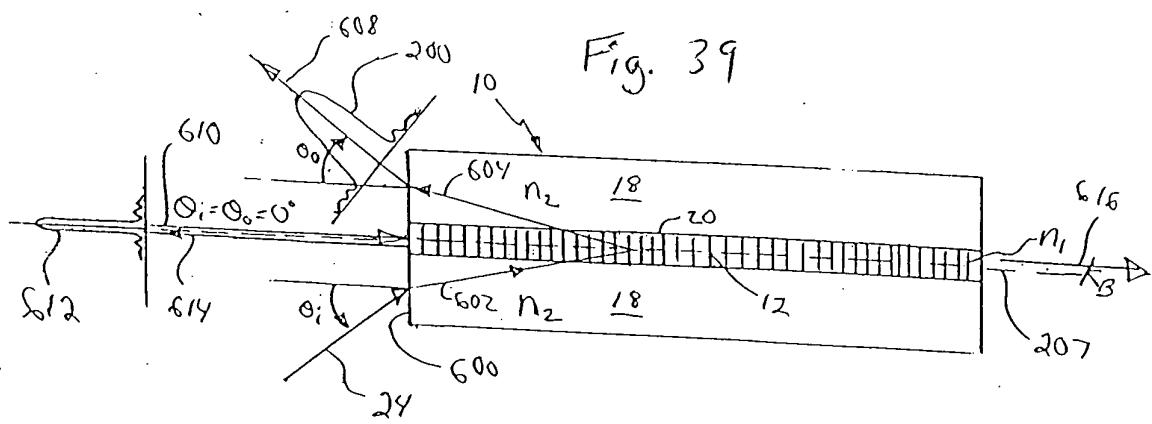
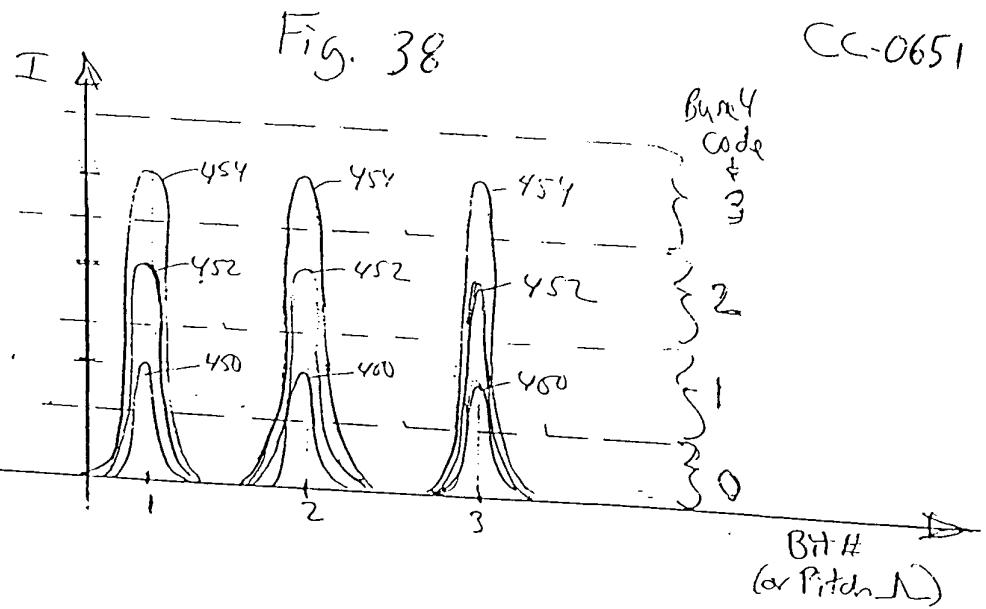


Fig. 42

CC-0651

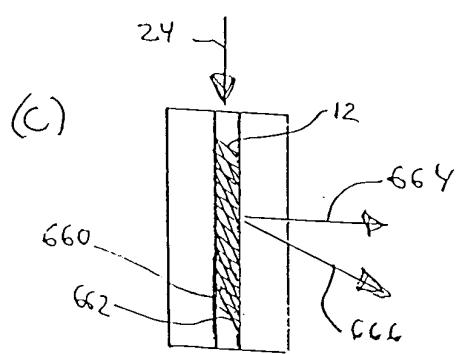
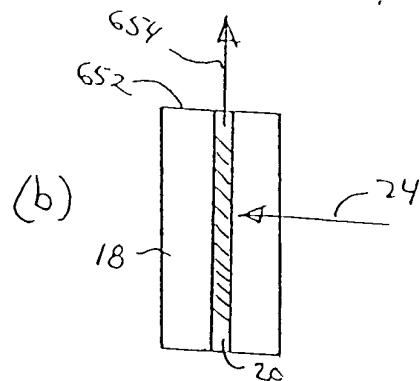
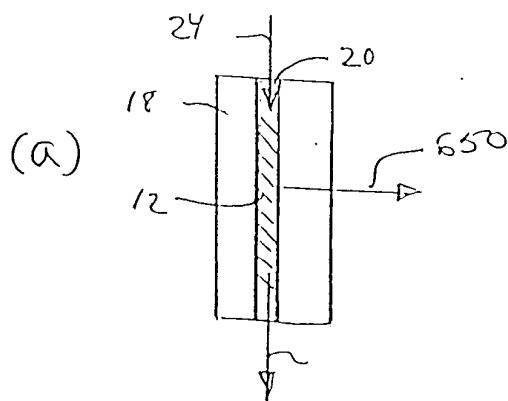


Fig. 40

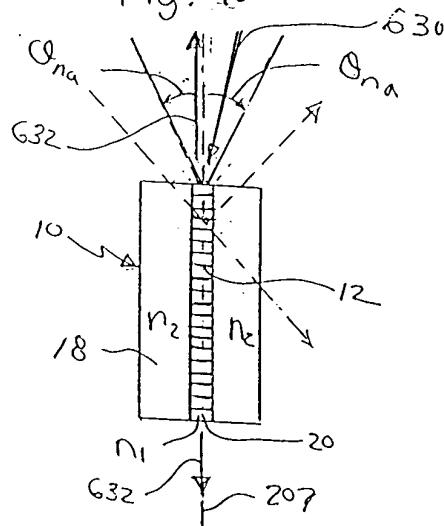
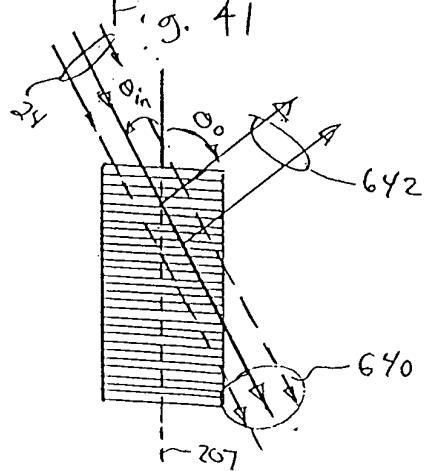


Fig. 41



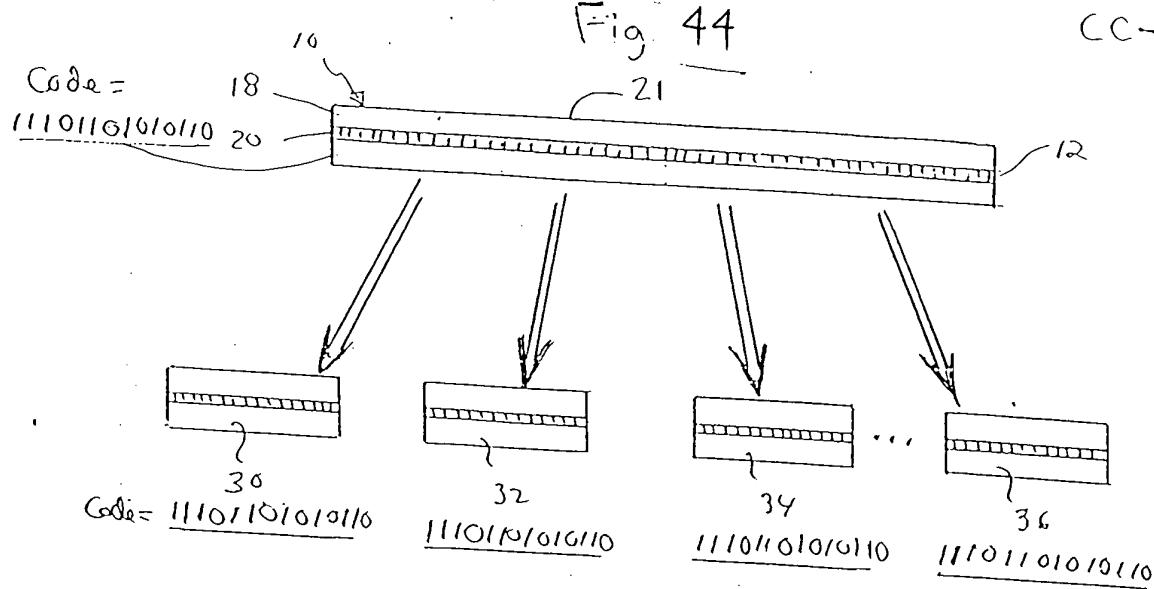
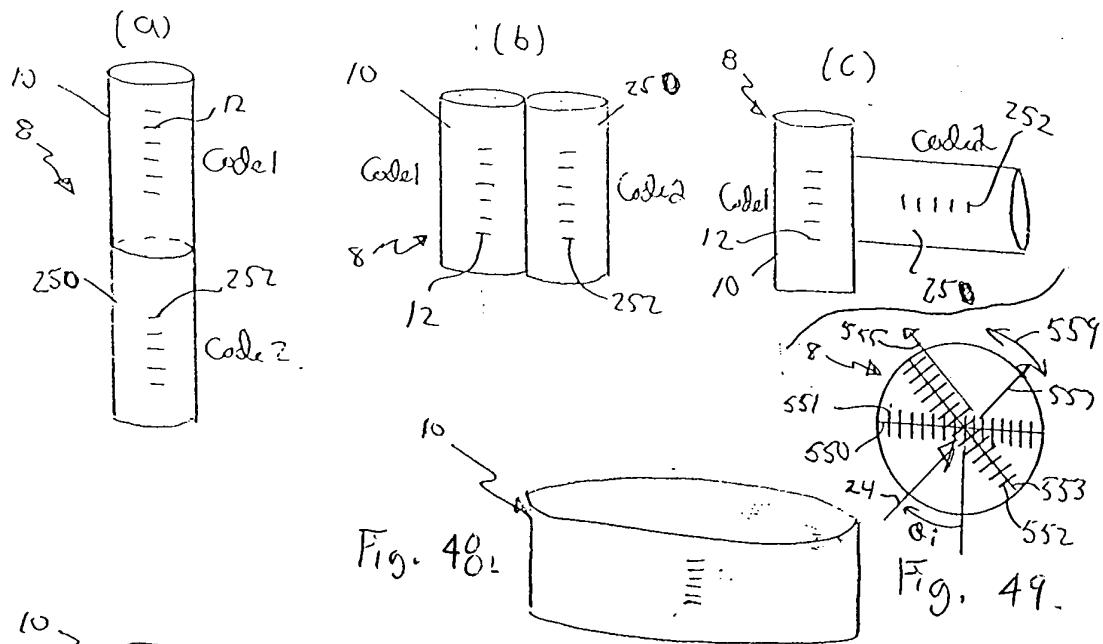


Fig. 46

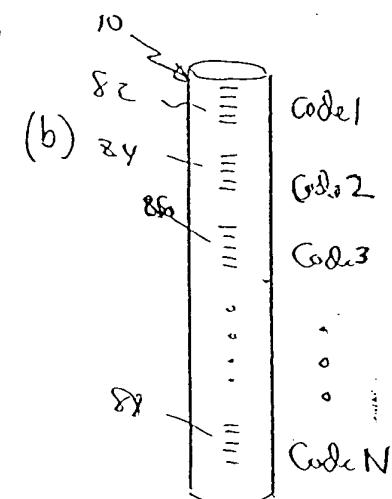


A hand-drawn diagram of a ruler scale. It shows a horizontal line with tick marks every 1/8 inch. The numbers 10 and 12 are written above the line at the left and right ends respectively. A bracket below the line spans from the 10 mark to the 12 mark, with the number 799 written next to it.

Fig. 45

A horizontal line representing a ruler scale. It has vertical tick marks at integer intervals from 10 to 12. The interval between 10 and 11 is divided into 8 equal segments by additional tick marks. The segment between 10 and 11 is labeled '8' with an arrow. The segment between 11 and 12 is labeled '12' with an arrow.

Fig. 47



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Fig. 50

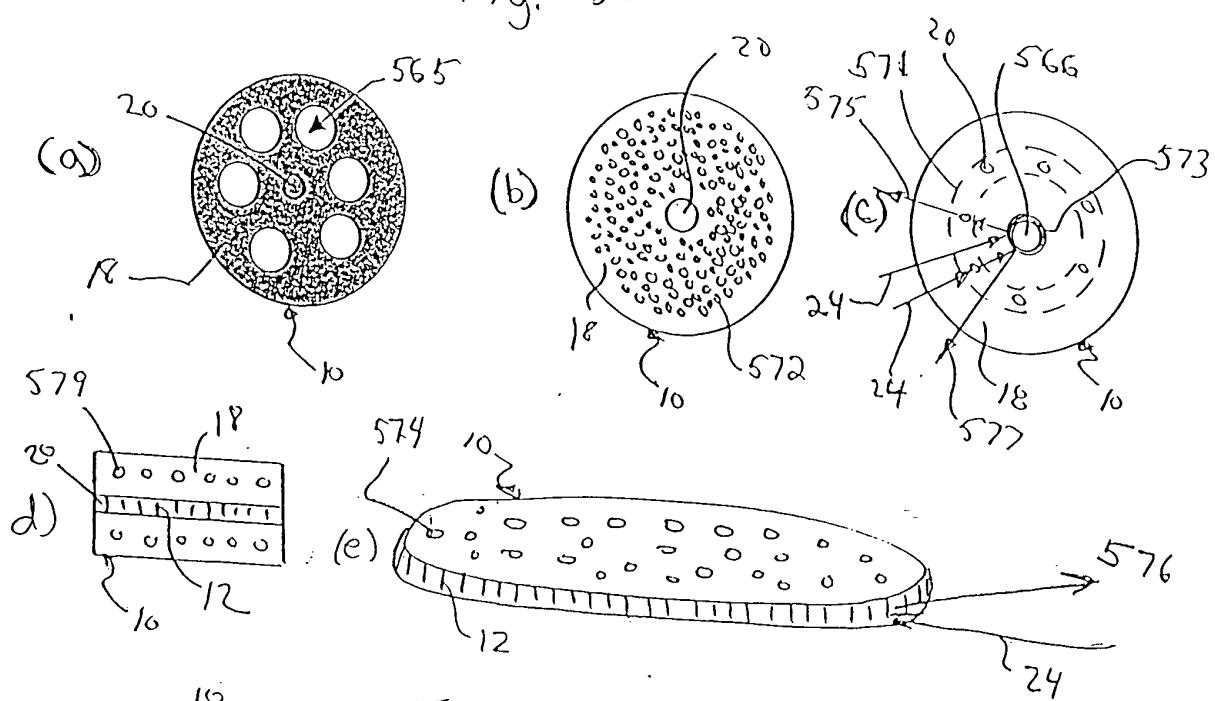


Fig. 51

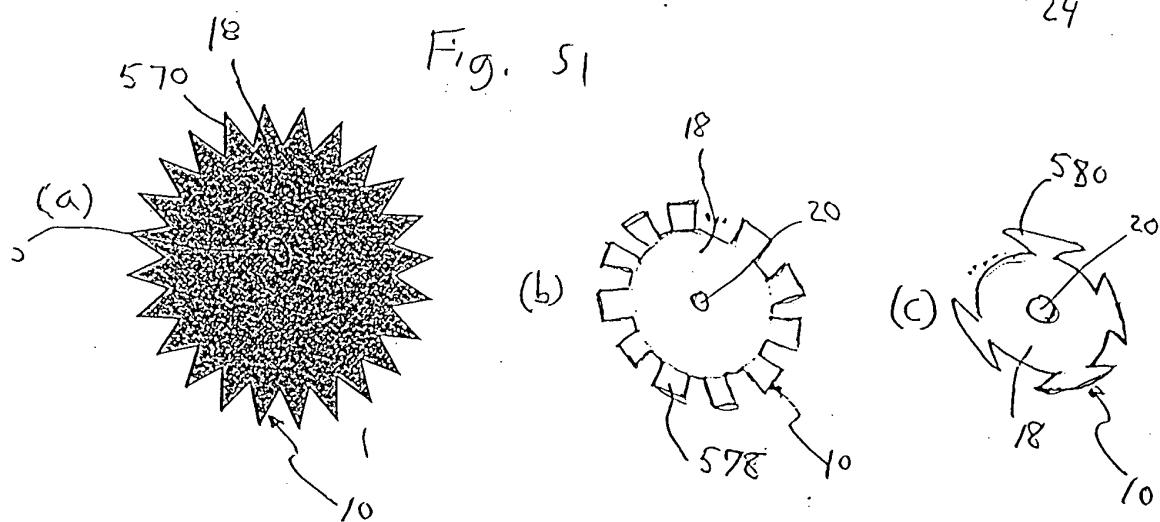
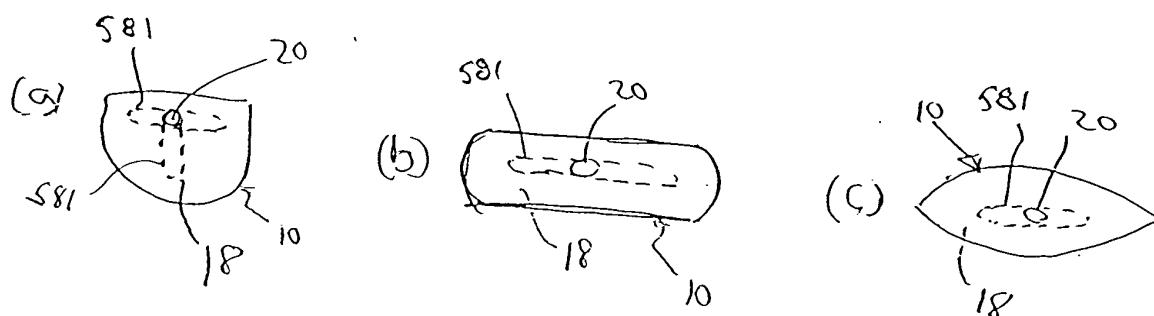


Fig. 52



CC-0651

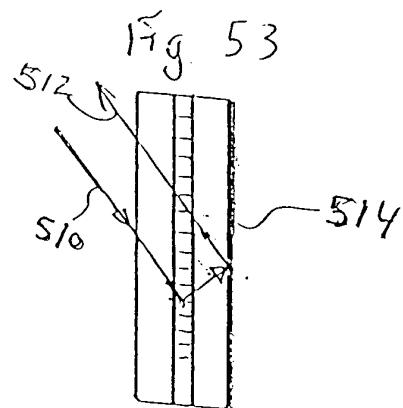


Fig. 54

